

INCH-POUND

MIL-DTL-38999/9A  
12 July 2002  
SUPERSEDING  
MIL-C-38999/9  
10 March 1982

# DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE, DUMMY STOWAGE,  
BAYONET COUPLING, (MIL-C-27599 SERIES I AND MIL-DTL-38999 SERIES I)

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein  
shall consist of this specification and MIL-DTL-38999.

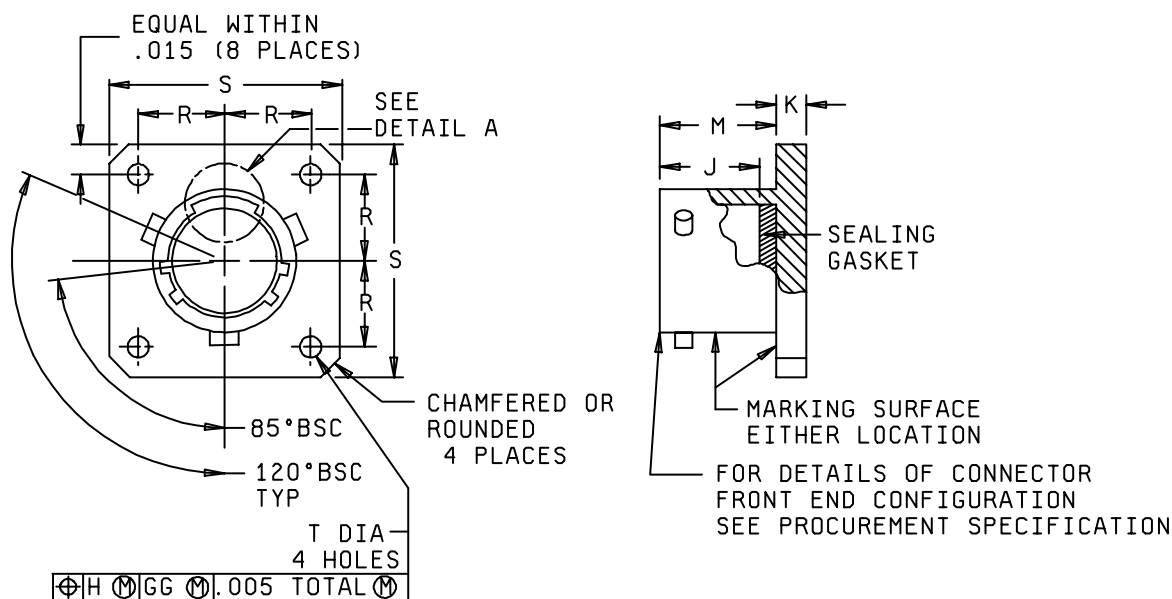


FIGURE 1. Dummy receptacle, finishes B and X.

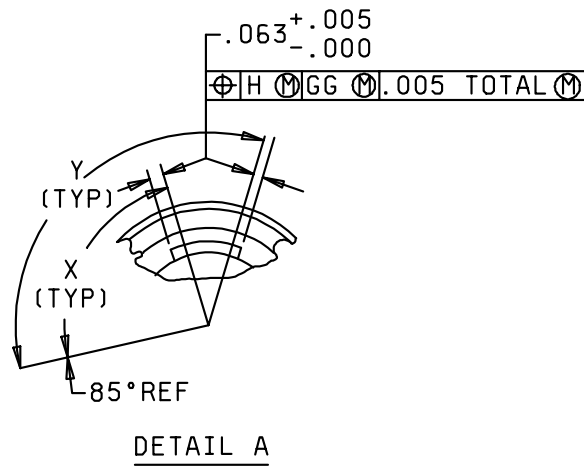


FIGURE 1. Dummy receptacle, finishes B and X - Continued.

Dimensions								
Shell size	K +.015 -.000	M ±.010	T dia +.010 -.005	R BSC	S ±.020	J +.010 -.015	X (TP)	Y (TP)
9	.085	.727	.128	.3595	.938	.567	77°	113°
11				.406	1.031		67°	123°
13				.453	1.125		63°	127°
15				.4845	1.219		61°	129°
17				.531	1.312		65°	125°
19				.578	1.438		65°	125°
21	.115	.697	.147	.625	1.562	.567	65°	125°
23				.6875	1.688		69°	121°
25				.750	1.812		69°	121°

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.3539	9.13	.625	15.88	1.125	28.58
.010	0.25	.406	10.31	.632	16.05	1.219	30.96
.015	0.38	.453	11.51	.6875	17.46	1.312	33.32
.063	1.60	.4845	12.31	.697	17.70	1.438	36.53
.085	2.16	.531	13.49	.727	18.47	1.562	39.67
.115	2.92	.567	14.30	.750	19.05	1.688	42.88
.128	3.25	.578	14.68	.938	23.83	1.812	46.02
.147	3.73	.602	15.29	1.031	26.19		

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. The gage features for GG shall be .010 (0.25 mm) smaller than the MMC size at basic location.
4. Flange is solid.
5. Dummy receptacles are used when unmated plugs must be protected.

FIGURE 1. Dummy receptacle, finishes B and X - Continued.

# REQUIREMENTS:

Dimensions and configuration: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999, except as noted.

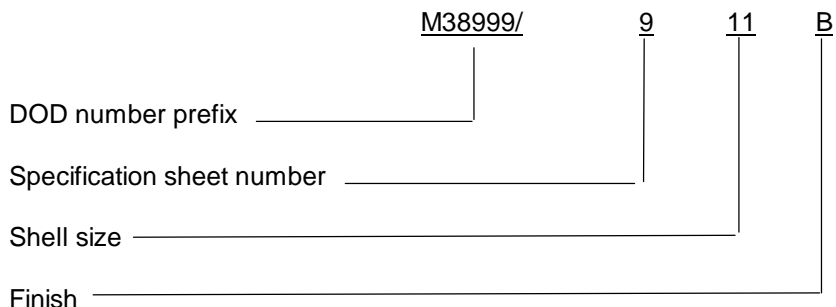
This receptacle mates with MS27467, MS27653 and MS27661 connectors.

Fits all polarization positions.

Shell: Aluminum alloy as specified in MIL-DTL-38999 with finishes B or X.

Sealing gasket: Non-corrosive silicone or fluorosilicone elastomer.

Part or Identifying Number (PIN) is equivalent to the term (part number, identification number, and type designator) which was previously used in this specification. Example:



## QUALIFICATION:

Qualification shall consist of the dynamic salt spray test, altitude immersion, coupling torque, coupling pin strength, and visual and mechanical inspection as specified in MIL-DTL-38999, conducted on two samples of each shell size.

## CONCLUDING MATERIAL

### Custodians:

Army – CR  
Navy – AS  
Air Force – 11  
DLA – CC

Preparing activity:  
DLA – CC

(Project 5935–4389)

### Review Activities:

Army – AR, MI  
Navy – EC, MC, OS  
Air Force – 19, 99  
DLA – IS